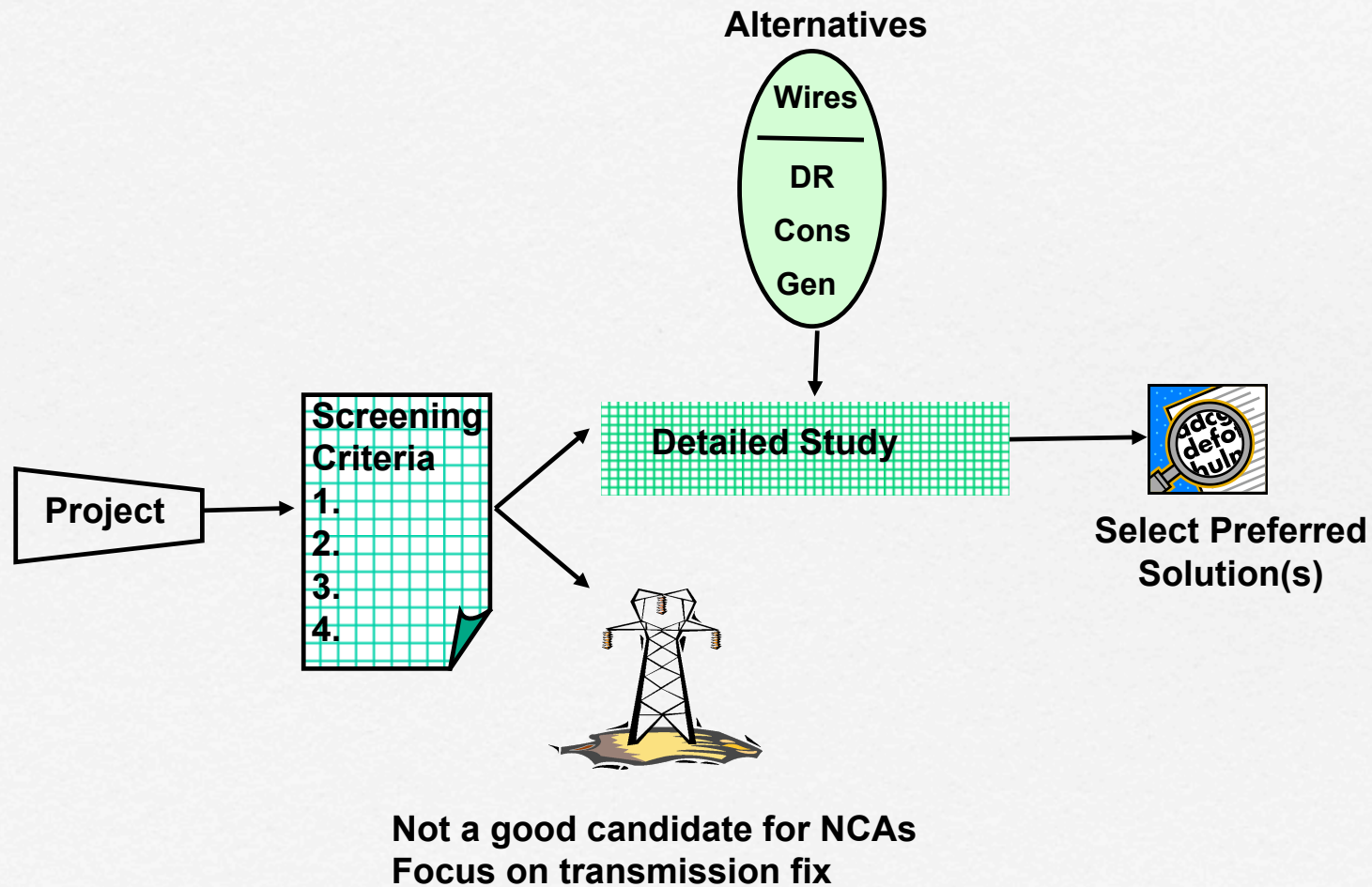


A blue spiral-bound notebook with a silver metal spiral binding at the top. The notebook is open, showing a blank page with the title text.

# Screening Criteria

Straw-man Development

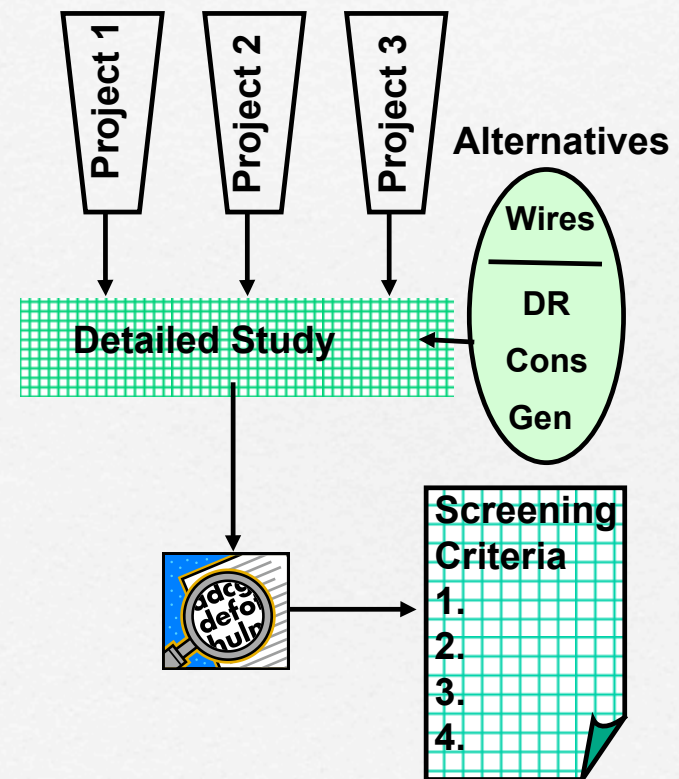
# Apply





# Development

- Create straw-man criteria
- Iterate Draft Criteria against three studies



Objective: to improve and simplify the planning/analysis process

# Straw-man page 1

Transmission Construction Alternatives Screening Criteria Template		Page 1 of 3	
Project Name	G-12, Olympic Peninsula	In Service Date:	2008
Description	Analysis - Avoid transmission reinforcement		
Author		Date of Review:	
<b>Project Applicability</b>			
1. Which problems are you addressing with the base case construction alternative?			
Obsolete / aging equipment System reliability Thermal limits Voltage stability		Transient stability Voltage limits Safety Other : _____	
2. What are the drivers of the base case construction alternative?			
Load service New generation in area Transfers Other : _____		Contractual Obligations	
3. Time from critical contingency to problem occurrence:			
Cycles Seconds		Minutes Other : _____	
4. Given the problems identified above, can load reduction or generation solve this problem?		Yes	If no, stop
<b>Project TimeLine</b>			
Current Date	Alternative Soution Lead Time (months)	Project Commitment Date	Project in-Service Date
5/27/03	47	5/1/07	10/30/08
Construction lead time		18	
5. Is the project in-service date at least		24	months in the future?
6. Is the major project commitment date at least		12	months in the future?
		Yes	If no stop
		Yes	If no, stop

# Straw-man page 2

**G-12, Olympic Peninsula**

Page 2 of 3

## Project Cost

All costs in constant dollars						
Expense Year	Energized Year	Total Cost (\$000)	Excluded cost (\$000)	Net Cost (000)	Equipment (Select)	
2007	2008	\$ 30,000	\$ 2,000	\$ 28,000	Trans OH Circuit	⬆
				\$ -	Trans OH Circuit	⬆
				\$ -	Trans OH Circuit	⬆
				\$ -	Trans OH Circuit	⬆
				\$ -	Trans OH Circuit	⬆
				\$ -	Trans OH Circuit	⬆
				\$ -	Trans OH Circuit	⬆
				\$ -	Trans OH Circuit	⬆
				\$ -	Trans OH Circuit	⬆
	Total Cost	\$ 30,000	\$ 2,000	\$ 28,000		

*Exclude land costs, if there are risks of land cost increases or loss of parcel availability*

7. Is the total project cost >=	2,000,000	(Enter project cost level that triggers a screen for alternatives)	Yes	If no, stop
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### Avoidable Cost Levels - Contract

**DG MW needed to defer the project**

Year:	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Minimum Total MW:	22.0	44.0	66.0	88.0	110.0	132.0	154.0	176.0	198.0	220.0

Avoidable Costs	1 Year	2 Year	3 Year	4 Year	5 Year	6 Year	7 Year	8 Year	9 Year	10 Year
\$/kW (contract)	\$ 97.42	\$ 93.96	\$ 90.66	\$ 87.51	\$ 84.52	\$ 81.66	\$ 78.93	\$ 76.33	\$ 73.85	\$ 71.48
\$/kW-yr (level)	\$ 97.42	\$ 48.71	\$ 32.47	\$ 24.35	\$ 19.48	\$ 16.24	\$ 13.92	\$ 12.18	\$ 10.82	\$ 9.74
Maximum Incentive	\$ 2,143,210	\$ 4,134,036	\$ 5,983,312	\$ 7,701,103	\$ 9,296,757	\$ 10,778,959	\$ 12,155,775	\$ 13,434,698	\$ 14,622,689	\$ 15,726,212

8. Is the total avoidable cost in any year greater than	\$ 50.00 / kW	Yes	
9. Is the project sum of avoidable cost over 5 years greater than	\$ 250.00 / kW	Yes	
10. Are either or both questions "yes"		Yes	If no, stop

Discount rate:	9.00%	Revision Date:	27-May-03
Inflation rate:	1.25%	Revision Date:	27-May-03

### Recommendation

Candidate for  
Alternative  
Solution? (Y/N):

If no, reason:

Reviewer

Date of Review:

# Straw-man page 3

G-12, Olympic Peninsula

Page 3 of 3

Screening Notes:

Project Description Details

1. What are the specific problems addressed by the base case construction alternative?

2. Are the primary drivers to serve customer load or accommodate transfers or new area generation?

3. What is the time from critical contingency to problem occurrence?

4. Can load reduction or additional generation solve the problem in this area?

5/6. Is the project in-service/commitment date less than 24 months in the future?

7. Total project cost below the threshold

8/9/10. Is the annual, total sum, or total avoidable cost greater than threshold?

Other relevant notes...